

Title (en)

AUTOMATIC TRANSFER SUPPLY EQUIPMENT FOR ROLL-TYPE MATERIAL

Title (de)

AUTOMATISCHE TRANSFERZUFÜHRVORRICHTUNG FÜR ROLLENARTIGES MATERIAL

Title (fr)

ÉQUIPEMENT DE TRANSFERT AUTOMATIQUE POUR MATÉRIAU DE TYPE ROULEAU

Publication

EP 4292957 A1 20231220 (EN)

Application

EP 22901612 A 20221111

Priority

- KR 20210170702 A 20211202
- KR 2022017702 W 20221111

Abstract (en)

Disclosed herein is an automatic conveying and feeding facility for roll-type materials, and the automatic conveying and feeding facility includes: a roll buffer configured to receive a roll-type material loaded on a carriage in an X-axis direction and convey the received roll-type material on a YZ plane; a transfer configured to receive the roll-type material from the roll buffer in the X-axis direction, move to a set position on an XY plane in a state in which the roll-type material is loaded thereon, and convey the roll-type material upward in a Z-axis direction; and an overhead hoist transport (OHT) configured to receive the roll-type material loaded on the transfer that has moved upward in the Z-axis direction and having at least one or more rail guided vehicles configured to move to a destination along a trajectory of a conveying rail.

IPC 8 full level

B65G 1/04 (2006.01); **B65G 1/06** (2006.01); **B65G 1/127** (2006.01)

CPC (source: EP KR US)

B65G 1/0457 (2013.01 - KR); **B65G 1/06** (2013.01 - KR); **B65G 1/127** (2013.01 - KR); **B65H 19/123** (2013.01 - US); **B65H 19/30** (2013.01 - EP); **B66C 19/00** (2013.01 - US); **H01M 4/00** (2013.01 - EP); **B65G 2201/0232** (2013.01 - KR); **B65H 2301/413243** (2013.01 - EP); **B65H 2301/41702** (2013.01 - EP); **B65H 2301/41704** (2013.01 - EP); **B65H 2301/4171** (2013.01 - US); **B65H 2301/41732** (2013.01 - EP); **B65H 2301/41734** (2013.01 - EP); **B65H 2402/351** (2013.01 - US); **B65H 2801/72** (2013.01 - EP)

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